

WEST Search History

DATE: Friday, May 14, 2004

Hide?	Set Name	Query	Hit Count
		<i>DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI; PLUR=YES; OP=ADJ</i>	
<input type="checkbox"/>	L16	L14 not l13	49
<input type="checkbox"/>	L14	hydroxybutan\$ and optic	49
<input type="checkbox"/>	L13	hydroxybutan\$ and penicillium	42

END OF SEARCH HISTORY

Hit List

Clear	Generate Collection	Print	Fwd Refs	Bkwd Refs
Generate OACS				

Search Results - Record(s) 1 through 10 of 42 returned.

☐ 1. Document ID: US 20040091981 A1

Using default format because multiple data bases are involved.

L13: Entry 1 of 42

File: PGPB

May 13, 2004

PGPUB-DOCUMENT-NUMBER: 20040091981
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20040091981 A1

TITLE: Process for the production of optically active beta-amino alcohols

PUBLICATION-DATE: May 13, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Sakamoto, Keiji	Toyama		JP	
Kita, Shinji	Toyama		JP	
Tsuzaki, Kazuya	Toyama		JP	
Morikawa, Tadanori	Toyama		JP	
Shimizu, Sakayu	Kyoto		JP	
Kataoka, Michihiko	Kyoto		JP	

US-CL-CURRENT: [435/121](#); [435/128](#)

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw D
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☐ 2. Document ID: US 20040082807 A1

L13: Entry 2 of 42

File: PGPB

Apr 29, 2004

PGPUB-DOCUMENT-NUMBER: 20040082807
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20040082807 A1

TITLE: Novel salt forms of poorly soluble probucol esters and ethers

PUBLICATION-DATE: April 29, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Meng, Charles Q.	Alpharetta	GA	US	

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US-CL-CURRENT: 560/135

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw Ds
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☐ 3. Document ID: US 20040053401 A1

L13: Entry 3 of 42

File: PGPB

Mar 18, 2004

PGPUB-DOCUMENT-NUMBER: 20040053401

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040053401 A1

TITLE: Preparation of enantiomerically pure hydroxy esters and acids

PUBLICATION-DATE: March 18, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Ohrlein, Reinhold	Rheinfelden-Herten		DE	
Baisch, Gabriele	Binzen		DE	

US-CL-CURRENT: 435/280

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw Ds
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☐ 4. Document ID: US 20030219880 A1

L13: Entry 4 of 42

File: PGPB

Nov 27, 2003

PGPUB-DOCUMENT-NUMBER: 20030219880

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030219880 A1

TITLE: Method for preparing (2s,3r,4s)-4-hydroxyisoleucine and analogues thereof

PUBLICATION-DATE: November 27, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Ouazzani, Jamal	Massy		FR	
Potier, Pierre	Paris		FR	
Sasaki, Nobumichi-Andre	Les Ulis		FR	
Wang, Qian	Gif-Sur-Yvette		FR	

US-CL-CURRENT: 435/106

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw Ds
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☐ 5. Document ID: US 20030181520 A1

L13: Entry 5 of 42

File: PGPB

Sep 25, 2003

PGPUB-DOCUMENT-NUMBER: 20030181520
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20030181520 A1

TITLE: Methods of reversing and preventing cardiovascular pathologies

PUBLICATION-DATE: September 25, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Glass, Mitchell	Laval		US	
Tardif, Jean-Claude			CA	

US-CL-CURRENT: 514/548

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw De
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☐ 6. Document ID: US 20030180829 A1

L13: Entry 6 of 42

File: PGPB

Sep 25, 2003

PGPUB-DOCUMENT-NUMBER: 20030180829
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20030180829 A1

TITLE: METHODS FOR THE IDENTIFICATION OF INHIBITORS OF HOMOCITRATE SYNTHASE AS ANTIBIOTICS

PUBLICATION-DATE: September 25, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Shuster, Jeffrey	Chapel Hill	NC	US	
Tanzer, Matthew M.	Durham	NC	US	
Hamer, Lisbeth	Durham	NC	US	
Adachi, Kiichi	Durham	NC	US	
DeZwaan, Todd M.	Apex	NC	US	
Lo, Sze-Chung	Durham	NC	US	
Montenegro-Chamorro, Maria Victoria	Morrisville	NC	US	
Darveaux, Blaise	Hillsborough	NC	US	
Frank, Sheryl	Durham	NC	US	
Heiniger, Ryan	Raleigh	NC	US	
Mahanty, Sanjoy K.	Chapel Hill	NC	US	
Pan, Huaqin	Apex	NC	US	
Skalchunes, Amy	Raleigh	NC	US	
Tarpey, Rex W.	Apex	NC	US	

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US-CL-CURRENT: 435/32; 435/4

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw D
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☐ 7. Document ID: US 20030175846 A1

L13: Entry 7 of 42

File: PGPB

Sep 18, 2003

PGPUB-DOCUMENT-NUMBER: 20030175846

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030175846 A1

TITLE: Methods, compositions and apparatuses for detection of gamma-hydroxybutyric acid (GHB)

PUBLICATION-DATE: September 18, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Parsons, Stanley M.	Santa Barbara	CA	US	
Harris, David O.	Santa Barbara	CA	US	
Bravo, Dawn T.	Santa Barbara	CA	US	

US-CL-CURRENT: 435/25; 435/4

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw D
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☐ 8. Document ID: US 20030134402 A1

L13: Entry 8 of 42

File: PGPB

Jul 17, 2003

PGPUB-DOCUMENT-NUMBER: 20030134402

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030134402 A1

TITLE: Process for producing optically active 4-halo-3-hydroxybutanoate

PUBLICATION-DATE: July 17, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Asako, Hiroyuki	Osaka		JP	
Matsumura, Kenji	Osaka		JP	
Shimizu, Masatoshi	Osaka		JP	
Ito, Nobuya	Toyama-shi		JP	
Wakita, Ryuhei	Osaka		JP	

US-CL-CURRENT: 435/146; 435/189, 435/197, 536/23.1

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw D
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9. Document ID: US 20030109029 A1

L13: Entry 9 of 42

File: PGPB

Jun 12, 2003

PGPUB-DOCUMENT-NUMBER: 20030109029

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030109029 A1

TITLE: Process for the preparation of enantiomerically pure tertiary ss-hydroxycarboxylic acids or their esters

PUBLICATION-DATE: June 12, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Popp, Alfred	Unterhaching		DE	
Petersen, Hermann	Burghausen		DE	
Stohrer, Juergen	Pullach		DE	
Rockinger-Mechlem, Jodoca	Gilching		DE	
Gilch, Andrea	Mauern		DE	

US-CL-CURRENT: 435/280

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw De
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10. Document ID: US 20030064967 A1

L13: Entry 10 of 42

File: PGPB

Apr 3, 2003

PGPUB-DOCUMENT-NUMBER: 20030064967

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030064967 A1

TITLE: Methods to increase plasma HDL cholesterol levels and improve HDL functionality with probucol monoesters

PUBLICATION-DATE: April 3, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Luchoomun, JayRaz	Lilburn	GA	US	
Sundell, Cynthia L.	Atlanta	GA	US	
Saxena, Uday	Atlanta	GA	US	
Sikorski, James A.	Alpharetta	GA	US	

US-CL-CURRENT: 514/128; 514/210.17, 514/217.11, 514/317, 514/423, 514/517, 514/547

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw De
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Hit List

Clear	Generate Collection	Print	Fwd Refs	Bkwd Refs
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Search Results - Record(s) 11 through 20 of 42 returned.

☐ 11. Document ID: US 20030064432 A1

Using default format because multiple data bases are involved.

L13: Entry 11 of 42

File: PGPB

Apr 3, 2003

PGPUB-DOCUMENT-NUMBER: 20030064432

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030064432 A1

TITLE: MICE MODELS OF HUMAN PROSTATE CANCER

PUBLICATION-DATE: April 3, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Rozzell, J. David JR.	Burbank	CA	US	
Bui, Peter	El Monte	CA	US	
Hua, Ling	Arcadia	CA	US	

US-CL-CURRENT: [435/69.1](#); [435/320.1](#), [435/325](#), [530/350](#), [536/23.1](#)

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWMC	Draw Ds
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☐ 12. Document ID: US 20030039667 A1

L13: Entry 12 of 42

File: PGPB

Feb 27, 2003

PGPUB-DOCUMENT-NUMBER: 20030039667

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030039667 A1

TITLE: Anti-fungal composition

PUBLICATION-DATE: February 27, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Jira, Vic	El Monte	CA	US	
Jirathitikal, Vichai	Chachoengsao		TH	

US-CL-CURRENT: [424/274.1](#); [424/195.15](#)

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw D
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☐ 13. Document ID: US 20020016364 A1

L13: Entry 13 of 42

File: PGPB

Feb 7, 2002

PGPUB-DOCUMENT-NUMBER: 20020016364

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020016364 A1

TITLE: Compounds and methods to increase plasma HDL cholesterol levels and improve HDL functionality

PUBLICATION-DATE: February 7, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Luchoomun, Jayraz	Lilburn	GA	US	
Meng, Charles Q.	Alpharetta	GA	US	
Saxena, Uday	Atlanta	GA	US	

US-CL-CURRENT: 514/517; 514/571, 514/649, 558/37, 562/426, 564/347

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw D
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☐ 14. Document ID: US 6703216 B2

L13: Entry 14 of 42

File: USPT

Mar 9, 2004

US-PAT-NO: 6703216

DOCUMENT-IDENTIFIER: US 6703216 B2

TITLE: Methods, compositions and apparatuses for detection of gamma-hydroxybutyric acid (GHB)

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWIC	Draw D
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☐ 15. Document ID: US 6632631 B1

L13: Entry 15 of 42

File: USPT

Oct 14, 2003

US-PAT-NO: 6632631

DOCUMENT-IDENTIFIER: US 6632631 B1

TITLE: Methods for the identification of inhibitors of homocitrate synthase as antibiotics

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWIC	Draw D
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☐ 16. Document ID: US 6583164 B1

L13: Entry 16 of 42

File: USPT

Jun 24, 2003

US-PAT-NO: 6583164

DOCUMENT-IDENTIFIER: US 6583164 B1

TITLE: Antimycotic drug composition

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMC	Draw D
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☐ 17. Document ID: US 6472188 B1

L13: Entry 17 of 42

File: USPT

Oct 29, 2002

US-PAT-NO: 6472188

DOCUMENT-IDENTIFIER: US 6472188 B1

TITLE: Method for producing hydroxycarboxylic acids by auto-degradation of polyhydroxyalkanoates

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMC	Draw D
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☐ 18. Document ID: US 6268523 B1

L13: Entry 18 of 42

File: USPT

Jul 31, 2001

US-PAT-NO: 6268523

DOCUMENT-IDENTIFIER: US 6268523 B1

TITLE: Process for the preparation of a tertiary perester

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMC	Draw D
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☐ 19. Document ID: US 6242440 B1

L13: Entry 19 of 42

File: USPT

Jun 5, 2001

US-PAT-NO: 6242440

DOCUMENT-IDENTIFIER: US 6242440 B1

TITLE: Synergistic compositions comprising an oxathiazine and a benzothiophene-2-carboxamide-S,S-dioxide

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMC	Draw D
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☐ 20. Document ID: US 6174911 B1

L13: Entry 20 of 42

File: USPT

Jan 16, 2001

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Hit List

Clear	Generate Collection	Print	Fwd Refs	Bkwd Refs
Generate OACS				

Search Results - Record(s) 21 through 30 of 42 returned.

☐ 21. Document ID: US 5932454 A

Using default format because multiple data bases are involved.

L13: Entry 21 of 42

File: USPT

Aug 3, 1999

US-PAT-NO: 5932454

DOCUMENT-IDENTIFIER: US 5932454 A

TITLE: Method of producing carboxylic acids

DATE-ISSUED: August 3, 1999

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Matsuoka; Kazuyuki	Kitakatsuragi-gun			JP
Matsuyama; Akinobu	Tsukuba			JP

US-CL-CURRENT: 435/130; 435/129, 435/136, 435/822

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWAC	Draw De
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☐ 22. Document ID: US 5804591 A

L13: Entry 22 of 42

File: USPT

Sep 8, 1998

US-PAT-NO: 5804591

DOCUMENT-IDENTIFIER: US 5804591 A

TITLE: Synergistic compositions containing metconazole and another triazole

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWAC	Draw De
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☐ 23. Document ID: US 5714507 A

L13: Entry 23 of 42

File: USPT

Feb 3, 1998

US-PAT-NO: 5714507

DOCUMENT-IDENTIFIER: US 5714507 A

TITLE: Synergistic compositions containing metconazole and another triazole

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWIC	Draw De
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☐ 24. Document ID: US 5696299 A

L13: Entry 24 of 42

File: USPT

Dec 9, 1997

US-PAT-NO: 5696299

DOCUMENT-IDENTIFIER: US 5696299 A

TITLE: Optical resolution for producing optically active alcohol

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWIC	Draw De
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☐ 25. Document ID: US 5397795 A

L13: Entry 25 of 42

File: USPT

Mar 14, 1995

US-PAT-NO: 5397795

DOCUMENT-IDENTIFIER: US 5397795 A

TITLE: Synergistic compositions containing propiconazole and tebuconazole

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWIC	Draw De
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☐ 26. Document ID: US 5274300 A

L13: Entry 26 of 42

File: USPT

Dec 28, 1993

US-PAT-NO: 5274300

DOCUMENT-IDENTIFIER: US 5274300 A

TITLE: Enzymatic hydrolysis of glycidate esters in the presence of bisulfite anion

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWIC	Draw De
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☐ 27. Document ID: US 5223524 A

L13: Entry 27 of 42

File: USPT

Jun 29, 1993

US-PAT-NO: 5223524

DOCUMENT-IDENTIFIER: US 5223524 A

TITLE: Synergistic compositions containing propiconazole and tebuconazole

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWIC	Draw De
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☐ 28. Document ID: US 5198568 A

L13: Entry 28 of 42

File: USPT

Mar 30, 1993

US-PAT-NO: 5198568

DOCUMENT-IDENTIFIER: US 5198568 A

TITLE: Compounds useful in enzymatic resolution systems and their preparation

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMOC	Draw De
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☐ 29. Document ID: US 5196568 A

L13: Entry 29 of 42

File: USPT

Mar 23, 1993

US-PAT-NO: 5196568

DOCUMENT-IDENTIFIER: US 5196568 A

TITLE: Compounds useful in enzymatic resolution systems and their preparation

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMOC	Draw De
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☐ 30. Document ID: US 5091378 A

L13: Entry 30 of 42

File: USPT

Feb 25, 1992

US-PAT-NO: 5091378

DOCUMENT-IDENTIFIER: US 5091378 A

TITLE: Phosphorus-containing HMG-CoA reductase inhibitors, new intermediates and method

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMOC	Draw De
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Clear	Generate Collection	Print	Fwd Refs	Bkwd Refs	Generate OACS
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Terms	Documents
hydroxybutan\$ and penicillium	42

Display Format: [Previous Page](#)[Next Page](#)[Go to Doc#](#)

Hit List

Search Results - Record(s) 31 through 40 of 42 returned.

☐ 31. Document ID: US 5077217 A

Using default format because multiple data bases are involved.

L13: Entry 31 of 42

File: USPT

Dec 31, 1991

US-PAT-NO: 5077217

DOCUMENT-IDENTIFIER: US 5077217 A

TITLE: Method for membrane reactor resolution of stereoisomers

DATE-ISSUED: December 31, 1991

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Matson; Stephen L.	Harvard	MA		
Wald; Stephen A.	Wayland	MA		
Zepp; Charles M.	Berlin	MA		
Dodds; David R.	Millis	MA		

US-CL-CURRENT: 435/280; 435/135, 435/180, 435/182, 435/183

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWIC	Draw D
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☐ 32. Document ID: US 5057427 A

L13: Entry 32 of 42

File: USPT

Oct 15, 1991

US-PAT-NO: 5057427

DOCUMENT-IDENTIFIER: US 5057427 A

TITLE: Method for resolution of stereoisomers

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWIC	Draw D
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☐ 33. Document ID: US 5013746 A

L13: Entry 33 of 42

File: USPT

May 7, 1991

US-PAT-NO: 5013746

DOCUMENT-IDENTIFIER: US 5013746 A

**** See image for Certificate of Correction ****

TITLE: Imazalil containing synergistic compositions

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMNC	Draw De
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☐ 34. Document ID: US 4904646 A

L13: Entry 34 of 42

File: USPT

Feb 27, 1990

US-PAT-NO: 4904646

DOCUMENT-IDENTIFIER: US 4904646 A

TITLE: Phosphorus-containing HMG-COA reductase inhibitors

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMNC	Draw De
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☐ 35. Document ID: US 4524110 A

L13: Entry 35 of 42

File: USPT

Jun 18, 1985

US-PAT-NO: 4524110

DOCUMENT-IDENTIFIER: US 4524110 A

TITLE: Antimicrobial imidazole derivatives

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMNC	Draw De
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☐ 36. Document ID: US 4483865 A

L13: Entry 36 of 42

File: USPT

Nov 20, 1984

US-PAT-NO: 4483865

DOCUMENT-IDENTIFIER: US 4483865 A

TITLE: Antimicrobial imidazole derivatives

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMNC	Draw De
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☐ 37. Document ID: US 4470994 A

L13: Entry 37 of 42

File: USPT

Sep 11, 1984

US-PAT-NO: 4470994

DOCUMENT-IDENTIFIER: US 4470994 A

**** See image for Certificate of Correction ****

TITLE: Antimicrobial agents and their use

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMIC	Draw D
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☐ 38. Document ID: US RE29826 E

L13: Entry 38 of 42

File: USPT

Nov 7, 1978

US-PAT-NO: RE29826

DOCUMENT-IDENTIFIER: US RE29826 E

TITLE: Stabilized non-medical fungicidal, bactericidal and algicidal composition

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMIC	Draw D
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☐ 39. Document ID: US 4022605 A

L13: Entry 39 of 42

File: USPT

May 10, 1977

US-PAT-NO: 4022605

DOCUMENT-IDENTIFIER: US 4022605 A

TITLE: Stabilized non-medical fungicidal, bactericidal and algicidal composition

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMIC	Draw D
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☐ 40. Document ID: US 3949080 A

L13: Entry 40 of 42

File: USPT

Apr 6, 1976

US-PAT-NO: 3949080

DOCUMENT-IDENTIFIER: US 3949080 A

TITLE: Compositions containing O,N-acetal and method of using same

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMIC	Draw D
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Clear	Generate Collection	Print	Fwd Refs	Bkwd Refs	Generate OACS
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Terms	Documents
hydroxybutan\$ and penicillium	42

Display Format: [Previous Page](#)[Next Page](#)[Go to Doc#](#)

Hit List

Clear	Generate Collection	Print	Fwd Refs	Bkwd Refs
Generate OACS				

Search Results - Record(s) 41 through 42 of 42 returned.

☐ 41. Document ID: US 20030134402 A1, EP 1213354 A2, JP 2002212158 A, JP 2002223789 A, JP 2002233392 A, JP 2003061682 A

Using default format because multiple data bases are involved.

L13: Entry 41 of 42

File: DWPI

Jul 17, 2003

DERWENT-ACC-NO: 2002-550350

DERWENT-WEEK: 200348

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TITLE: New protein preferentially producing (S)-4-bromo-3-hydroxybutanoate by asymmetrically reducing 4-bromo-3-oxobutanoate, useful in pharmaceuticals and agrochemicals

INVENTOR: ASAKO, H; ITO, N ; MATSUMURA, K ; SHIMIZU, M ; WAKITA, R

PRIORITY-DATA: 2001JP-0175175 (June 11, 2001), 2000JP-0372704 (December 7, 2000), 2001JP-0006144 (January 15, 2001), 2001JP-0026594 (February 2, 2001)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
<u>US 20030134402 A1</u>	July 17, 2003		000	C12P007/42
<u>EP 1213354 A2</u>	June 12, 2002	E	056	C12N015/53
<u>JP 2002212158 A</u>	July 31, 2002		004	C07C253/14
<u>JP 2002223789 A</u>	August 13, 2002		006	C12P007/62
<u>JP 2002233392 A</u>	August 20, 2002		009	C12P007/62
<u>JP 2003061682 A</u>	March 4, 2003		030	C12N015/09

INT-CL (IPC): C07 B 61/00; C07 C 253/14; C07 C 253/30; C07 C 255/20; C07 H 21/04; C12 N 1/14; C12 N 1/15; C12 N 1/19; C12 N 1/20; C12 N 1/21; C12 N 5/10; C12 N 9/02; C12 N 9/04; C12 N 9/18; C12 N 15/09; C12 N 15/53; C12 P 7/42; C12 P 7/62; C12 N 1/14; C12 N 1/20; C12 N 1/20; C12 P 7/62; C12 P 7/62; C12 R 1:01 ; C12 R 1:01; C12 R 1:07; C12 R 1:07; C12 R 1:80; C12 R 1:80

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KMC	Draw Ds
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☐ 42. Document ID: BE 816954 A, AT 7405389 A, DD 114223 A, DE 2333355 A, DE 2333355 C, DK 7403505 A, FI 7401980 A, FR 2234896 A, GB 1429144 A, IL 45132 A, JP 50036617 A, JP 83021605 B, NL 7408696 A, NO 7402361 A, PT 62198 A, SE 7408498 A, US 3968229 A, ZA 7404166 A

L13: Entry 42 of 42

File: DWPI

Dec 27, 1974

DERWENT-ACC-NO: 1975-03777W
DERWENT-WEEK: 197503
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TITLE: Antimicrobial imidazole compsns. - contg. 1-aryloxy-1-(imidazolyl-(1))-3-s-
ubstd-2-hydroxybutane derivs

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWIC	Drawn Ds
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Clear	Generate Collection	Print	Fwd Refs	Bkwd Refs	Generate OACS
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Terms	Documents
hydroxybutan\$ and penicillium	42

Display Format:

[Previous Page](#) [Next Page](#) [Go to Doc#](#)

\$%^STN;highlighton= ***;highlightoff=*** ;

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and searchable
NEWS 4 JAN 27 A new search aid, the Company Name Thesaurus, available in
CA/CAPLUS
NEWS 5 FEB 05 German (DE) application and patent publication number format
changes
NEWS 6 MAR 03 MEDLINE and LMEADLINE reloaded
NEWS 7 MAR 03 MEDLINE file segment of TOXCENTER reloaded
NEWS 8 MAR 03 FRANCEPAT now available on STN
NEWS 9 MAR 29 Pharmaceutical Substances (PS) now available on STN
NEWS 10 MAR 29 WPIFV now available on STN
NEWS 11 MAR 29 New monthly current-awareness alert (SDI) frequency in RAPRA
NEWS 12 APR 26 PROMT: New display field available
NEWS 13 APR 26 IFIPAT/IFIUDB/IFICDB: New super search and display field
available
NEWS 14 APR 26 LITAlert now available on STN
NEWS 15 APR 27 NLDB: New search and display fields available
NEWS 16 May 10 PROUSDDR now available on STN
NEWS 17 May 19 PROUSDDR: One FREE connect hour, per account, in both May
and June 2004
NEWS 18 May 12 EXTEND option available in structure searching
NEWS 19 May 12 Polymer links for the POLYLINK command completed in REGISTRY

NEWS EXPRESS MARCH 31 CURRENT WINDOWS VERSION IS V7.00A, CURRENT
MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP),
AND CURRENT DISCOVER FILE IS DATED 26 APRIL 2004
NEWS HOURS STN Operating Hours Plus Help Desk Availability
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=> s hydroxybutan? and penicillium
L1 19 HYDROXYBUTAN? AND PENICILLIUM

=> dup rem l1
PROCESSING COMPLETED FOR L1
L2 14 DUP REM L1 (5 DUPLICATES REMOVED)

=> d 1-10

L2 ANSWER 1 OF 14 HCAPLUS COPYRIGHT 2004 ACS on STN DUPLICATE 1
AN 2004:157552 HCAPLUS
DN 140:180247
TI Enzymic manufacture of 4-acetoxy-3- ***hydroxybutanoic*** acid esters
IN Ito, Shinya; Wakita, Ryuhei
PA Sumitomo Chemical Co., Ltd., Japan
SO Jpn. Kokai Tokkyo Koho, 49 pp.
CODEN: JKXXAF
DT Patent
LA Japanese
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 2004057193	A2	20040226	JP 2002-271294	20020918
PRAI	JP 2002-164078	A	20020605		
OS	MARPAT 140:180247				

L2 ANSWER 2 OF 14 HCAPLUS COPYRIGHT 2004 ACS on STN DUPLICATE 2
AN 2004:159125 HCAPLUS
DN 140:180249
TI Enzymic manufacture of 4-acetoxy-3- ***hydroxybutanoic*** acid esters
IN Ito, Shinya; Wakita, Ryuhei
PA Sumitomo Chemical Co., Ltd., Japan
SO Jpn. Kokai Tokkyo Koho, 37 pp.
CODEN: JKXXAF
DT Patent
LA Japanese
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 2004057192	A2	20040226	JP 2002-271293	20020918
PRAI	JP 2002-162693	A	20020604		
OS	MARPAT 140:180249				

L2 ANSWER 3 OF 14 HCAPLUS COPYRIGHT 2004 ACS on STN
AN 2004:112750 HCAPLUS
DN 140:180242
TI Enzymic resolution for manufacture of 3- ***hydroxybutanoic*** acid

compounds
EN Ito, Shinya; Wakita, Ryuhei
A Sumitomo Chemical Co., Ltd., Japan
O Jpn. Kokai Tokkyo Koho, 77 pp.
CODEN: JKXXAF
T Patent
A Japanese
AN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
I	JP 2004041070	A2	20040212	JP 2002-202396	20020711
RAI	JP 2002-202396		20020711		
S	MARPAT 140:180242				

2 ANSWER 4 OF 14 HCAPLUS COPYRIGHT 2004 ACS on STN
N 2003:108053 HCAPLUS
N 138:121676
I Manufacture of (R)-4-cyano-3- ***hydroxybutanoic*** acid esters with
Penicillium
N Wakita, Ryuhei; Asako, Hiroyuki; Matsumura, Kenji; Shimizu, Masatoshi
A Sumitomo Chemical Co., Ltd., Japan
O Jpn. Kokai Tokkyo Koho, 6 pp.
CODEN: JKXXAF
T Patent
A Japanese
AN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
I	JP 2003038193	A2	20030212	JP 2001-229309	20010730
RAI	JP 2001-229309		20010730		

2 ANSWER 5 OF 14 BIOTECHDS COPYRIGHT 2004 THOMSON DERWENT/ISI on STN
N 2002-19087 BIOTECHDS
I New protein preferentially producing (S)-4-bromo-3-
hydroxybutanoate by asymmetrically reducing 4-bromo-3-
oxobutanoate, useful in pharmaceuticals and agrochemicals;
vector-mediated glucose-dehydrogenase gene transfer and expression in
Escherichia coli for stereospecific compound production
U ASAKO H; MATSUMURA K; SHIMIZU M; ITO N; WAKITA R
A SUMITOMO CHEM CO LTD
I EP 1213354 12 Jun 2002
I EP 2000-310251 7 Dec 2000
RAI JP 2001-175175 11 Jun 2001
T Patent
A English
S WPI: 2002-550350 [59]

2 ANSWER 6 OF 14 HCAPLUS COPYRIGHT 2004 ACS on STN
N 2002:682831 HCAPLUS
N 137:215900
I Enzyme activity inducers and microbial manufacture of optically active
.beta.-amino alcohols using them
N Sakamoto, Keiji; Kita, Shinji; Tsuzaki, Kazuya; Morikawa, Tadanori;
Shimizu, Akira; Kataoka, Michihiko
A Daiichi Fine Chemical Co., Ltd., Japan
O Jpn. Kokai Tokkyo Koho, 16 pp.
CODEN: JKXXAF
T Patent
A Japanese
AN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
I	JP 2002253224	A2	20020910	JP 2001-58701	20010302
RAI	JP 2001-58701		20010302		
S	MARPAT 137:215900				

2 ANSWER 7 OF 14 HCAPLUS COPYRIGHT 2004 ACS on STN
N 2001:731066 HCAPLUS
N 135:256203
I Process for the production of optically active .beta.-amino alcohols
N Sakamoto, Keiji; Kita, Shinji; Tsuzaki, Kazuya; Morikawa, Tadanori;
Shimizu, Sakayu; Kataoka, Michihiko
A Fuji Chemical Industries, Ltd., Japan
O PCT Int. Appl., 54 pp.
CODEN: PIXXD2
T Patent

A Japanese

AN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2001073100	A1	20011004	WO 2001-JP1628	20010302
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG			
AU 2001036057	A5	20011008	AU 2001-36057	20010302
EP 1273665	A1	20030108	EP 2001-908255	20010302
R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR			
US 2004091981	A1	20040513	US 2003-240056	20030122
JP 2000-89182	A	20000328		
WO 2001-JP1628	W	20010302		

S MARPAT 135:256203

E.CNT 23 THERE ARE 23 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

2 ANSWER 8 OF 14 HCAPLUS COPYRIGHT 2004 ACS on STN
N 2001:580555 HCAPLUS
N 135:287557

I Stereoselective reduction of ethyl 4-chloro-3-oxobutanoate by fungi
U Saratani, Yuri; Uheda, Eiji; Yamamoto, Hiroaki; Nishimura, Atsuo;
S Yoshizako, Fumiki
Research Institute for Advanced Science and Technology, Osaka Prefecture
O University, Osaka, 599-8570, Japan
B Bioscience, Biotechnology, and Biochemistry (2001), 65(7), 1676-1679
T CODEN: BBBIEJ; ISSN: 0916-8451
A Japan Society for Bioscience, Biotechnology, and Agrochemistry
S English
CASREACT 135:287557

E.CNT 22 THERE ARE 22 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

2 ANSWER 9 OF 14 SCISEARCH COPYRIGHT 2004 THOMSON ISI on STN DUPLICATE 4
N 2000:124917 SCISEARCH
A The Genuine Article (R) Number: 282AU
I Asymmetric reduction of ethyl 2-methyl 3-oxobutanoate by fungi
U Iwamoto K; Kuramoto T; Izumi M; Kirihata M; Dohmaru T; Yoshizako F
(Reprint)
S UNIV OSAKA PREFECTURE, ADV SCI & TECHNOL RES INST, 1-2 GAKUEN CHO, SAKAI,
OSAKA 5998570, JAPAN (Reprint); UNIV OSAKA PREFECTURE, ADV SCI & TECHNOL
RES INST, SAKAI, OSAKA 5998570, JAPAN; OSAKA UNIV, GRAD SCH SCI, DEPT
CHEM, TOYONAKA, OSAKA 5600043, JAPAN; UNIV OSAKA PREFECTURE, COLL AGR,
DEPT APPL BIOCHEM, SAKAI, OSAKA 5998531, JAPAN
YA JAPAN
O BIOSCIENCE BIOTECHNOLOGY AND BIOCHEMISTRY, (JAN 2000) vol. 64, No. 1, pp.
194-197.
Publisher: JAPAN SOC BIOSCI BIOTECHN AGROCHEM, JAPAN ACAD SOC CTR BLDG,
2-4-6 YAYOI BUNKYO-KU, TOKYO 113, JAPAN.
ISSN: 0916-8451.
Article; Journal
T LIFE; AGRI
S English
A Reference Count: 17
EC *ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS*

2 ANSWER 10 OF 14 BIOTECHDS COPYRIGHT 2004 THOMSON DERWENT/ISI on STN
N 2000-04497 BIOTECHDS
I Asymmetric reduction of ethyl 2-methyl 3-oxobutanoate by fungi;
stereospecific (2S,3S)- and (2S,3R)-ethyl 2-methyl 3-
hydroxybutanoate preparation using ***Penicillium***
purpurogenum
J Iwamoto K; Kuramoto T; Izumi M; Kirihata M; Dohmaru T; *Yoshizako F
S Univ.Osaka-Prefect.; Univ.Osaka
O Research Institute for Advanced Science and Technology, Osaka Prefecture
University, 1-2 Gakuen-cho, Sakai, Osaka 599-8570, Japan.
Email: zako@riast.osakafu-u.ac.jp

SO Biosci.Biotechnol.Biochem.; (2000) 64, 1, 194-97
CODEN: BBBIEJ ISSN: 0916-8451
DT Journal
LA English

=> d 11-14

L2 ANSWER 11 OF 14 SCISEARCH COPYRIGHT 2004 THOMSON ISI on STN
AN 93:152400 SCISEARCH
GA The Genuine Article (R) Number: KQ139
TI TOTAL SYNTHESIS OF GRAHAMIMYCIN-A1
AU OHTA K; MIYAGAWA O; TSUTSUI H; MITSUNOBU O (Reprint)
CS AOYAMA GAKUIN UNIV, COLL SCI & ENGN, DEPT CHEM, 6-16-1 CHITOSEDAI,
SETAGAYA KU, TOKYO 157, JAPAN
CYA JAPAN
SO BULLETIN OF THE CHEMICAL SOCIETY OF JAPAN, (FEB 1993) Vol. 66, No. 2, pp.
523-535.
ISSN: 0009-2673.
DT Article; Journal
FS PHYS
LA ENGLISH
REC Reference Count: 78
ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS

L2 ANSWER 12 OF 14 LIFESCI COPYRIGHT 2004 CSA on STN
AN 88:57744 LIFESCI
TI Synthesis of patulolides A, B, and C, new macrolides isolated from
Penicillium urticae .
AU Mori, K.; Sakai, T.
CS Dep. Agric. Chem., Univ. Tokyo, Yayoi 1-1-1, Bunkyo-ku, Tokyo 113, Japan
SO LIEBIGS ANN. CHEM., (1988) vol. 1988, no. 1, pp. 13-17.
DT Journal
FS K; A
LA English
SL German; English

L2 ANSWER 13 OF 14 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
AN 1988:219429 BIOSIS
DN PREV198885108664; BA85:108664
TI SYNTHETIC MICROBIAL CHEMISTRY XVI. SYNTHESIS OF PATULOLIDES A B AND C NEW
MACROLIDES ISOLATED FROM ***PENICILLIUM*** -URTICAE.
AU MORI K [Reprint author]; SAKAI T
CS DEP AGRIC CHEM, UNIV TOKYO, YAYOI 1-1-1, BUNKYO-KU, TOKYO 113, JAPAN
SO Liebig's Annalen der Chemie, (1988) No. 1, pp. 13-18.
CODEN: LACHDL. ISSN: 0170-2041.
DT Article
FS BA
LA ENGLISH
ED Entered STN: 4 May 1988
Last Updated on STN: 4 May 1988

L2 ANSWER 14 OF 14 WPIDS COPYRIGHT 2004 THOMSON DERWENT on STN
AN 1975-03777W [03] WPIDS
TI Antimicrobial imidazole compsns. - contg. 1-aryloxy-1-(imidazolyl)-(1))-3-
substd-2- ***hydroxybutane*** derivs.

DC B03 C02 P34
PA (FARB) BAYER AG
CYC 16
PI BE 816954 A 19741227 (197503)*
NL 7408696 A 19750102 (197503)
NO 7402361 A 19750127 (197508)
SE 7408498 A 19750127 (197508)
DE 2333355 A 19750320 (197513)
FR 2234896 A 19750228 (197515)
DK 7403505 A 19750317 (197516)
FI 7401980 A 19741231 (197518)
JP 50036617 A 19750405 (197522)
PT 62198 A 19750317 (197525)
ZA 7404166 A 19750520 (197531)
DD 114223 A 19750720 (197536)
GB 1429144 A 19760324 (197613)
US 3968229 A 19760706 (197629)
AT 7405389 A 19760815 (197636)
IL 45132 A 19780131 (197809)
JP 58021605 B 19830502 (198321)

DE 2333355 C 19840119 (198404)
PRAI DE 1973-2333355 19730630
IC A01N043-50; A61K027-00; A61K031-41; A61L013-00; C07B001-00; C07D049-36;
C07D233-64

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1 19 S HYDROXYBUTAN? AND PENICILLIUM
2 14 DUP REM L1 (5 DUPLICATES REMOVED)

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